

FILE 'MEDLINE, BIOSIS, CAPLUS, BIOTECHNO, SCISEARCH, USPATFULL, PCTFULL, CABA, DISSABS, EMBASE' ENTERED AT 11:20:58 ON 22 AUG 2005

L1 371 S (GLUTAMATE RICH PROTEIN OR GLURP) AND (MEROZOITE SURFACE PROT
L2 0 S L1 AND EPITOPE SCAN?
L3 93 S L1 AND EPITOPE
L4 87 S L3 AND (CHIMERA OR FUSION OR CONJUGATE OR HYBRID OR BRANCHED
L5 84 DUP REM L4 (3 DUPLICATES REMOVED)
L6 84 SORT L5 PY A

FILE 'MEDLINE, BIOSIS, EMBASE, BIOTECHNO' ENTERED AT 11:38:45 ON 22 AUG 2005

L7 825 S (MEROZOITE SURFACE PROTEIN OR MSP?) AND EPITOPE
L8 14841 S (MEROZOITE SURFACE PROTEIN OR MSP?)
L9 0 S L8 AND EPITOPE SCAN?
L10 373 S L7 AND VACCINE AND (PLASMODIUM OR FALCIPARUM)
L11 41 S (MEROZOITE SURFACE PROTEIN 3 OR MSP-3 OR MSP3 OR MSP 3) AND E
L12 13 DUP REM L11 (28 DUPLICATES REMOVED)

CRFE

60

ACCESS DB # 162994
PLEASE PRINT CLEARLY

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Scientific and Technical Information Center

SEARCH REQUEST FORM

Requester's Full Name: Brian Gangle Examiner #: 81384 Date: 8-18-05
Art Unit: 1645 Phone Number: 2-1181 Serial Number: 10/691672
Location (Bldg/Room#): Rem 3B25 (Mailbox #): 3C18 Results Format Preferred (circle): PAPER DISK

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: GLURP-MSP-3 fusion protein, immunogenic compositions and material vaccines containing it.

Inventors (please provide full names):
Druilhe, Pierre

Earliest Priority Date: 10-24-03

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Serial # 10/691672

Please do an oligomer search with min length of 35 ~~nt~~
on SEQ ID 1 & SEQ ID 2, but only those
containing both sequences together.

seq 1 - 491 AA
seq 2 - 169 AA

STAFF USE ONLY

Searcher: Paul
Searcher Phone #: _____
Searcher Location: _____
Date Searcher Picked Up: 8/25

Type of Search
____ NA Sequence (#)
2 AA Sequence (#)
____ Structure (#)
____ Bibliographic

Vendors and cost where applicable

____ STN _____ Dialog
____ Questel/Orbit _____ Lexis/Nexis
____ Westlaw _____ WWW/Internet

02P In-house sequence systems

Date Completed: _____
Searcher Prep & Review Time: 5+
Online Time: 5+

____ Litigation
____ Fulltext
____ Other

☒ Commercial ☒ Oligomer _____ Score/Length
____ Interference _____ SPDI _____ Encode/Transl
____ Other (specify)

FOR OFFICIAL USE ONLY

Scientific and Technical Information Center

SEARCH REQUEST FORM

Requester's Full Name: Brian Gangle Examiner #: 81384 Date: 8-12-05
Art Unit: 1645 Phone Number: 2-1181 Serial Number: 10/691672
Location (Bldg/Room#): 8 Rem 3825 (Mailbox #): 3c 18 Results Format Preferred (circle): PAPER DISK

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malarial vaccines containing it.

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For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Serial # - 10/691672

Search SEQ ID 1 & SEQ ID 2

~~Amide bonds at 35 amino acids~~

seq 1 - 49/107
seq 2 - 169/107

~~Amide bonds at 35 amino acids~~

oligomer search with minimum length

of 35 amino acids for SEQ ID 1 and SEQ ID 2

STAFF USE ONLY

Searcher: noble

Searcher Phone #: _____

Searcher Location: _____

Date Searcher Picked Up: _____

Date Completed: 8/17/05

Searcher Prep & Review Time: 10

Online Time: 10

Type of Search

____ NA Sequence (#)

4 AA Sequence (#)

____ Structure (#)

____ Bibliographic

____ Litigation

____ Fulltext

____ Other

Vendors and cost where applicable

____ STN _____ Dialog

____ Questel/Orbit _____ Lexis/Nexis

____ Westlaw _____ WWW/Internet

☒ In-house sequence systems

☒ Commercial _____ Oligomer _____ Score/Length

☒ Interference _____ SPDI _____ Encode/Transl

Other (specify) _____

Protein Sequence Searches - February 2005

All of the sequence databases on ABSS have recently been updated.

- Please note that the curators of the UniProt database have purged some temporary accession numbers from the most recent version of UniProt. These sequences have been assigned new permanent accession numbers. The new UniProt record may not contain the previous temporary accession number.
- If you encounter an accession number from an older search run against UniProt (results file extension **.rup**) that can no longer be found in the database, the permanent record with the new accession number can be found by searching the old accession number in the UniProt Protein Archive database (UniPARC) at:

<http://www.pir.uniprot.org/database/archive.shtml>

If you have any questions regarding this information or your results, please contact any STIC searcher.

When submitting sequence search results for scanning into IFW, please include a copy of this attachment to assist any future Examiners or members of the public who may encounter UniProt temporary accession numbers.